

ABSTRACT OF THE DISCLOSURE

An identification transmission system for use in an amusement device includes a transmitting antenna, a transmitter and a piezo-electric power source. The transmitter circuit is configured to broadcast a predetermined tone on a predetermined carrier frequency through the antenna. The piezo-electric power source is electrically coupled to the transmitter circuit and is configured to at least briefly provide power to the transmitter circuit. The piezo-electro power source includes a piezo-electric element, a striker, a storage capacitor and a voltage controlled switch. The striker is configured to move so as to at least briefly strike the piezo-electric element. The storage capacitor is configured to receive and store electrical charge from the piezo-electric element. The voltage controlled switch is configured to allow the storage capacitor to discharge through the transmitter circuit thereby providing power thereto after a predetermined amount of charge has been stored.